

CLEVELAND

BUILDING SPECIALTIES

CATALOG "G" for 1955

Timber Connecting Devices

Steel Cross Bridging	Page 4	Timber Rings	Page 3
Grooving Tools	3	Siding Corners	4
Joist Hangers	2	Wall & Joist Anchors	4
Plate Washers	3	Wall Plates, Boxes	4
Post Caps, and Bases	4	Wall Plugs and Ties	4

Basement Construction

Adjustable Posts	Page 5	Steel Columns	Page 5
Area Walls	5	Windows	5
Floor Drains	6	Lintels	5

Fireplace Equipment

Ash Dumps	Page 6	Coal Doors	Page 6
Clean-out Doors	6	Dampers	6

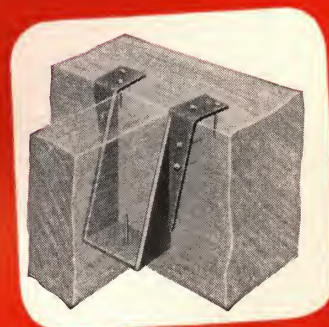
Receivers

Package	Page 7
Mail	7
Laundry	7

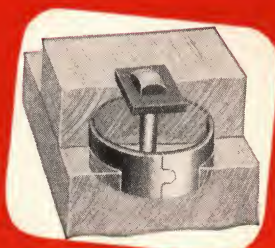
Ventilators

Foundation	Page 8
Louver	8
Roof	8

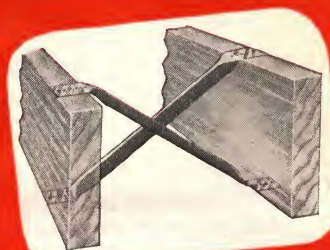
CLEVELAND Top-Quality Metal Building Specialties
Sold Nation-wide Through Dealers Since 1924



JOIST HANGER



TIMBER RING



CROSS BRIDGING

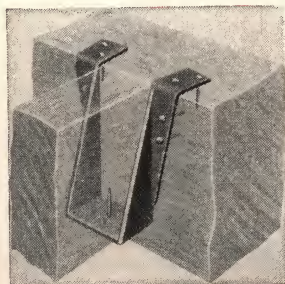
CLEVELAND STEEL SPECIALTY COMPANY, INC.

Established 1924

3775 East 91st Street, Cleveland 5, Ohio

CLEVELAND JOIST HANGERS

Standard Joist Hanger No. 1



Used for framing joists to girders, headers to joists, around stair wells, chimneys, hearths, ducts and other floor openings.

Cleveland joist hangers lay flat against both joist and girder, no interference with furring.

EXTRA SAFE—Cleveland joist hangers are made of heavy steel bars to safely carry greatest load allowable on corresponding size joist. They are designed so the maximum shear and tensile stresses in the steel are well within the limits prescribed by building codes. They are also designed to provide sufficient bearing area in the seat and under the overhanging arms to eliminate crushing the wood at these points.

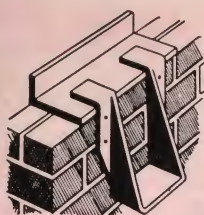
Made in following sizes to fit dressed timbers. 2" and 3" wide sizes, 10 per bundle. Larger sizes 5 per bundle. Painted. (Hangers for full size timbers and laminated beams available to order).

Specifications for Joist Hangers

size joist in.	size steel in.	weight lbs.	size joist in.	size steel in.	weight lbs.
2 x 6	2 x 1/8	1.0	6 x 6	2 1/4 x 3/16	2.8
2 x 8	2 x 1/8	1.6	6 x 8	2 1/2 x 3/16	3.8
2 x 10	2 x 1/8	1.9	6 x 10	3 x 3/16	5.2
2 x 12	2 x 3/32	2.8	6 x 12	3 x 3/16	6.0
2 x 14	2 x 3/16	3.7	6 x 14	3 x 1/4	8.8
2 x 16	2 1/2 x 3/16	5.5	6 x 16	3 x 3/16	12.0
3 x 6	2 x 1/8	1.5	8 x 8	3 x 3/16	5.0
3 x 8	2 x 3/32	2.2	8 x 10	3 x 1/4	7.5
3 x 10	2 x 5/32	2.6	8 x 12	3 x 3/16	10.3
3 x 12	2 1/2 x 3/16	4.3	8 x 14	3 x 3/16	11.3
3 x 14	3 x 3/16	6.2	8 x 16	3 1/2 x 3/16	15.0
4 x 6	2 x 1/8	1.5	10 x 12	3 1/2 x 3/8	20.0
4 x 8	2 x 3/32	2.2	10 x 14	3 1/2 x 3/8	22.0
4 x 10	2 x 5/32	2.6	10 x 16	4 x 3/8	25.0
4 x 12	2 1/2 x 3/16	4.4	10 x 18	4 x 1/2	33.0
4 x 14	3 x 3/16	6.2			
4 x 16	3 x 1/4	9.0			

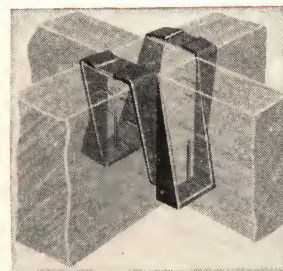
Actual Dimensions—Depth 1/2" less than full size. Width 1/4" under full size for hangers under 6" wide. 3/8" under full size for hangers 6" wide or wider.

Wall Joist Hanger No. 5



Used where timbers frame into cement block or brick walls. Eliminates dry rot which often occurs when timbers are set into masonry. Made with plate welded to standard No. 1 hanger.

Saddle Style Hanger No. 2



Used where joists frame opposite each other to wood girder or I-Beam. Made with two No. 1 standard hangers welded together with connector straps.

Saddle style hangers are made to order only and not returnable. Painted.

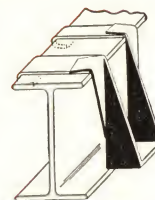
When ordering, furnish size of joists and exact width of wood girder or I-Beam flange.

Hook-Over Hanger No. 3



Wood Girder

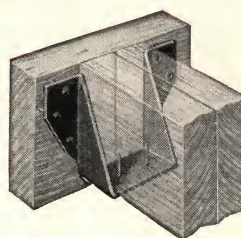
Used where wood joists frame into one side of wood girder or I-Beam. Made by welding hooked extension straps to arms of standard No. 1 single hanger. Painted.



I-Beam

When ordering furnish size of joist and exact width of wood girder or I-Beam flange. *Not returnable.*

Flush-Top Hanger No. 4

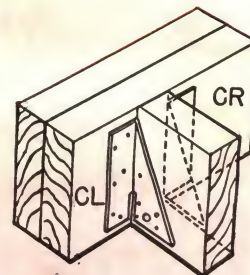


Used for remodeling work, such as inserting additional joists under existing floors, and strengthening existing joists that are checked or split at ends. Used for framing tail beams, and where finished flooring is applied directly to joists. Made in all standard sizes.

Trip-L-Grip Hanger Style C

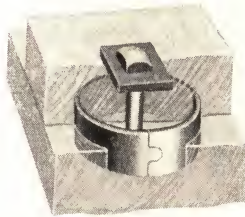
For ceiling joists and light floor loads. Safe load each hanger 450 lbs. Made of zinc coated steel 4 7/8" high. Rectangular flange 1 5/8" wide. Triangle base 2 3/8" wide.

Made left hand No. CL and right hand No. CR. Packed 100 CL or 100 CR per carton, including special nails 8d by 1 1/4" long. Weight 25 lbs. per 100 pcs.



CLEVELAND TIMBER RINGS

Cleveland Timber Rings are used for making stronger joints in wood truss construction, and in wood arches, bridges and towers. These rings are set into timbers in grooves pre-cut with Cleveland Grooving Tool, so that half of each ring is embedded in each timber at their point of contact.



The joint is completed with bolt and washer. The rings are split, with tongue and groove joint, insuring tight contact with the wood. This reduces joint slippage and reduces stresses in the wood, permitting the use of smaller timbers for equal strength. The use of Cleveland Timber Rings has made possible the economical and widespread use of light trusses for small

home construction. Such trusses for spans up to 30 feet, are made with 2 x 6 rafters with 2 x 4 ceiling joists across bottom. Generally spaced on 24" centers, these trusses carry all the roof load and permit closing in the house before partitions are set. Pre-assembled on the ground, or by a wood fabricator these light trusses materially reduce construction costs, and reduce weather shut-downs.

Specifications for Cleveland Timber Rings

inside diameter	size steel	pieces per bag	weight per 100 pieces
2 1/2"	3/4" x 5/8"	200	30 lbs.
4"	1" x 3/4"	100	70 lbs.

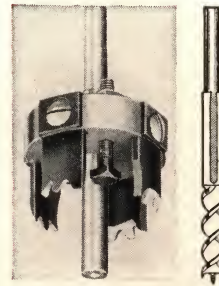
Correct Size of Ring



The 2 1/2" ring is used in lumber not less than 1 5/8" thick if grooved on both sides, or 1" thick if grooved one side only. The lumber must be 3 5/8" wide or wider. Use 2" x 2" x 1/8" square washers and 1/2" diameter bolts with 2 1/2" rings.

The 4" ring is used in lumber 1 5/8" thick or thicker if grooved both sides or one side. The lumber must be 5 1/2" wide or wider. Use 3" x 3" x 3/16" square washers and 3/4" diameter bolt with 4" rings.

Cleveland Grooving Tool and Drill Bit



Holder—made of solid steel to which cutter blades and depth gauge are securely attached.

Pilot—with shank to fit drill chuck, locks into holder. Used where holes are drilled first.

Drill Bit—with shank to fit drill chuck, locks into holder for drilling hole and cutting groove at same time. Used when holes are located on work table or with template.

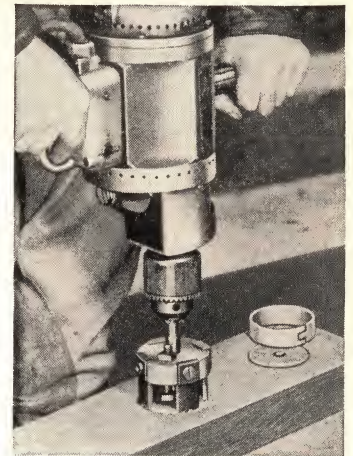
Specifications for Grooving Tool

ring size	shank diameter	number of cutters	diameter of pilot	diameter of drill bit
2 1/2"	1/2"	2 or 4	3/8"	3/8"
4"	1/2"	2 or 4	1 3/8"	1 3/8"

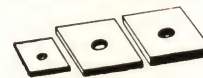
One pilot included with tool. Extra pilots and cutters available. Drill bits priced separately.

Operation

Grooving Tool can be used in a drill press or portable power drill. Shank of all Grooving Tools is 1/2". 1/2" capacity drill is required for 2 1/2" tool. 5/8" capacity drill is required for 4" tool. Use 4-wing cutter for quantity production. For small jobs 2-wing cutter may be used. Grooving Tools can be operated by one man.



Cleveland Plate Washers

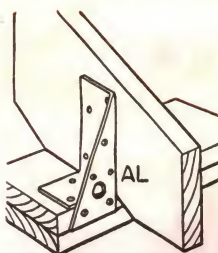


Used with Timber Rings as shown above, to prevent bolt head and nut from cutting into timbers.

Dimensions for Cleveland Plate Washers

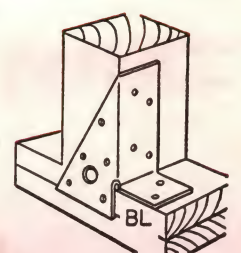
size washer	ring	bolt	weight
2" x 2" x 1/8"	2 1/2"	1/2"	14 lbs. per 100
3" x 3" x 3/16"	4"	3/4"	45 lbs. per 100

TRIPLE GRIP ANCHORS



Style AL (left hand) and AR (right hand) used for anchoring rafters and trusses to plate and purlins to trusses. Made of 18 gauge zinc coated steel 4 7/8" high, bent-in part 1 5/8" long. Base of triangle 2 3/8" wide. 100 AL or 100 AR per carton. Nails included. Weight 25 lbs. per 100 pcs.

Style BL (left hand) and BR (right hand) used for anchoring lintels and sills to jambs, studs to sills and headers to studs. 18 gauge zinc coated steel 4 7/8" high, bent-out part 1 5/8" long, base of triangle 2 3/8" wide. 100 BL or 100 BR per carton, nails included. Weight 25 lbs. per 100 pcs.



CLEVELAND STEEL CROSS BRIDGING

Cleveland Cross Bridging is fireproof, strong and neat appearing. Quick installation saves labor. Provides more space for pipes.

Made of ribbed steel for greatest strength. Flat ends $\frac{3}{4}$ " wide, $2\frac{1}{4}$ " long, $\frac{1}{16}$ " thick. No interference with laying flooring. Rust resisting finish. Approved by City Building Codes, by FHA in many localities, and on many Government Projects.

Packed straight—200 pcs. (100 sets) per carton. Weight 50 lbs. per carton.

Specifications

For joists 16" on center

No. 20 — fits these joists:		
2x6	2x8	2x10
2x12	3x8	3x10
3x12	4x10	4x12
4x14		

No. 17 — fits these joists:

3x6	4x6	4x8
-----	-----	-----

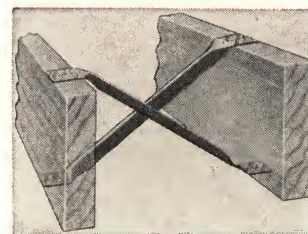
For joists 12" on center

No. 20 — fits these joists:

2x14	3x14	4x14
------	------	------

No. 17 — fits these joists:

2x8	2x10	3x10
3x12	4x10	4x12

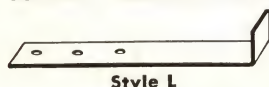


Application

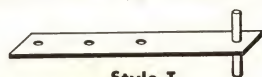
- (1) Nail top ends
- (2) Apply flooring
- (3) Nail bottom ends
(Two nails at each end)

CLEVELAND BUILDING ANCHORS

Cleveland Joist Anchors are used to anchor joists to masonry walls. 14" and 18" lengths used on joists that frame into wall. 40" anchors used on joists parallel to wall and punched to fit 3 joists 16" on center. L anchors have 2" bends. Pins $\frac{3}{8}$ " diameter.



Style L



Style T

Specifications for Joist Anchors

style	length	size steel	weight 100 pcs.
L	14"	1" x $\frac{3}{16}$ "	85 lbs.
L	18"	1 $\frac{1}{4}$ " x $\frac{1}{4}$ "	170 lbs.
T	18"	1" x $\frac{3}{16}$ "	100 lbs.
T	40"	1 $\frac{1}{4}$ " x $\frac{1}{4}$ "	370 lbs.

Plain finish

Other sizes on request

Cleveland Anchor Bolt used for fastening sills to masonry walls. One end threaded 2", other end bent $1\frac{1}{2}$ ". Not painted. Nut and washers included.

$\frac{1}{2}$ " x 8" size— 53 lbs. per 100 pcs.

$\frac{1}{2}$ " x 12" size— 75 lbs. per 100 pcs.

$\frac{1}{2}$ " x 16" size— 100 lbs. per 100 pcs.

Shipped in kegs or cartons.



Cleveland Door Buck and Wall Anchor

For anchoring door and window frames and applying grounds to masonry walls. 16-gauge galvanized corrugated steel. 2" wide, 2" bend, 8" long.

200 per carton.

Weight 35 lbs. per 100 pcs.

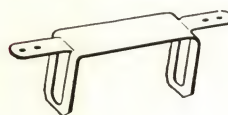


Cleveland Wall Ties—For anchoring brick veneer to frame or masonry walls. 26-gauge galvanized steel, crimped or herringbone pattern. 1000 per carton.

style	size	weight 1000 pcs.
Crimped	$\frac{3}{4}$ " x 7"	27 lbs.
Herringbone	$\frac{7}{8}$ " x 7"	32 lbs.



Cleveland Sleeper Anchor—For anchoring wood floor sleepers to concrete. 20-gauge galvanized steel.



size anchor	size sleeper	per carton	weight per 100
2"	2" x 2"	250	8 lbs.
3"	2" x 3"	250	9 lbs.
4"	2" x 4"	200	10 lbs.

Cleveland Wall Plugs—Inserted in masonry walls during construction so that furring and other materials can be securely fastened to wall by nailing. Heavy galvanized steel. 500 per carton.



size	weight 1000 pcs.
2 $\frac{1}{4}$ " wide x 2 $\frac{7}{8}$ " deep	105 lbs.
2 $\frac{1}{2}$ " wide x 2 $\frac{1}{4}$ " deep	90 lbs.

Cleveland Siding Corners used on wood siding at the outside corners to make joint weather-tight. Eliminate mitering. Galvanized steel. 250 per carton.

size	weight 100 pcs.	size	weight 100 pcs.
$\frac{1}{2}$ " x 6"	11 lbs.	$\frac{1}{2}$ " x 10"	19 lbs.
$\frac{1}{2}$ " x 8"	14 lbs.	$\frac{3}{4}$ " x 10"	20 lbs.
$\frac{3}{4}$ " x 8"	15 lbs.	$\frac{1}{4}$ " x 12"	20 lbs.



CLEVELAND POST CAPS AND BASES



Cleveland Post Caps

Made in any combination of post and girder sizes.



Cleveland Post Bases furnished in all standard sizes. Complete Engineering Details on request.

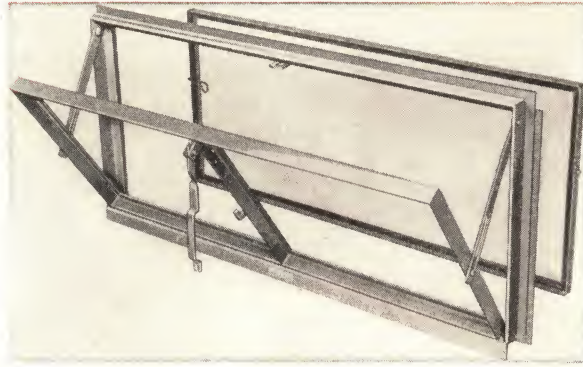


Wall Plates distribute load on wall and anchor beam to wall.

Wall Boxes supply ventilation to wall-bearing timbers. Complete Engineering Details on request.



CLEVELAND WINDOWS AND AREA WALLS



Head Sill Jamb
Steel Window



Head Sill Jamb
Aluminum Windows

Basement Window made in either steel or aluminum. Heavy steel angles and tees, or extruded aluminum sections, insure rugged construction. Vent sash closes tightly all around with cam latch. Unglazed, putty type. Glazing rabbetts all in same plane. Screens, steel or aluminum, available to fit.

Specifications for Basement Windows

size	wall opening	steel, painted		aluminum plain	
		style	wt. each	style	wt. each
2 lt. 15" x 12"	32 1/2" x 14 3/4"	S12P	15 lbs.	AL12P	3.8 lbs.
2 lt. 15" x 16"	32 1/2" x 18 3/4"	S16P	17 lbs.	AL16P	4.8 lbs.
2 lt. 15" x 20"	32 1/2" x 22 3/4"	S20P	18 1/2 lbs.	AL20P	5.0 lbs.

Steel windows shipped in bundles. Aluminum windows 2 per carton. Steel or Aluminum screens 6 per carton.

BASEMENT COLUMNS



Cleveland Columns are made of new steel tubing 4" outside diameter, 1/8" thick. Cap 4 1/4" x 5 1/16" x 8". Base 4 1/4" x 3 3/8" x 8". Bonderized and painted inside and out. Approved by FHA.

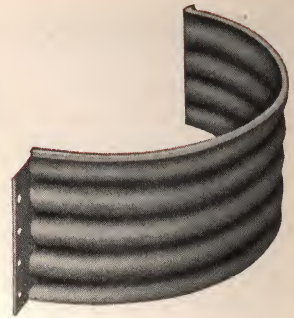
length	weight	length	weight
6'-0"	36 lbs.	6'-8"	40 lbs.
6'-6"	39 lbs.	7'-0"	41 lbs.

Other lengths to order.

Tel-O-Post Adjustable from 5'-0" to 7'-9". Capacity 22,000 lbs. Heavy jack screw. Ideal for reinforcing overloaded or sagging floors. Weight 34 lbs. Bonderized and painted inside and out. One per carton.



Cleveland Area Walls are made of 16-gauge galvanized steel. Entire curved area is corrugated and top edge is flanged in for rigidity. Flat end flanges fit tightly against wall. Top holes tear shaped for hanging over lag screws. Easily adjustable for openings 35" to 40" wide.

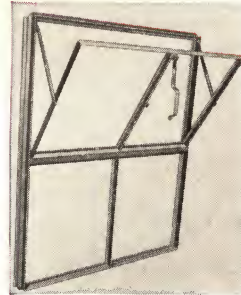


Specifications of Area Walls

number	inside width	projection	height	weight each
3716-15	35" to 40"	16"	15"	16 lbs.
3716-18	35" to 40"	16"	18"	19 lbs.
3716-24	35" to 40"	16"	24"	26 lbs.

Other sizes available—Details on application.

Aluminum Utility Window



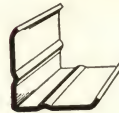
No. U-20 made of extruded aluminum sections. Sash opens in, locks tightly with cam latch. 8 sq. ft. light area. Uses same screen as 2 light 15" x 20" aluminum basement window. Fixed sash has 2 lights 15 1/2" x 20". Wall opening 32 1/2" x 42 7/8". Putty type, not glazed. Weight 8 lbs. each.

CLEVELAND LINTELS

Formed Steel Lintels made of heavy steel formed and beaded for strength. Painted.

Lengths up to 5 ft. made of 3 1/2" x 3 1/2" by 11-gauge steel. Shipped 6 per bundle.

Lengths 5 ft. or over made of 4 1/2" x 3 1/2" by 9-gauge steel. Shipped 3 per bundle.



length	weight	length	weight
3'-0"	8.5 lbs.	5'-0"	19.9
3'-6"	9.9 lbs.	6'-0"	22.8
4'-0"	11.3 lbs.	7'-0"	26.6
4'-6"	12.7 lbs.	7'-6"	28.5



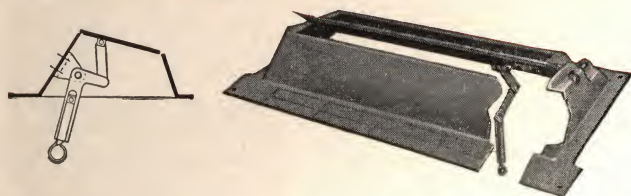
Angle Iron Lintels made of high carbon hot-rolled steel. Not painted. Shipped in bundles.

length	size steel	wt. each	length	size steel	wt. each
3'-0"	3x3x3/16"	12 lbs.	4'-6"	3x3 1/2 x 1/4"	24 lbs.
3'-6"	3x3x3/16"	13 lbs.	5'-0"	3x3 x 3/16"	19 lbs.
4'-0"	3x3x3/16"	15 lbs.	5'-0"	3x3 1/2 x 1/4"	27 lbs.
4'-6"	3x3x3/16"	17 lbs.	6'-0"	3x3 1/2 x 1/4"	33 lbs.

Above angle sizes may be ordered in special lengths.

FIREPLACE DAMPERS AND EQUIPMENT

Cleveland Fireplace Dampers



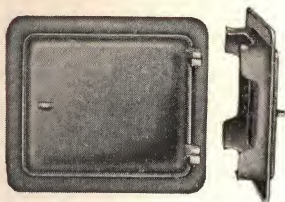
Made of cast grey iron for highest resistance to corrosion and to warpage. Damper consists of frame, with tapered ends, poker control assembly and detachable door. Shipped bolted to wood skids to avoid breakage.

Specifications for Cleveland Fireplace Dampers

style	fireplace width	base dimensions			throat opening			weight each
		front	rear	depth	front	rear	depth	
H28	28"	32"	27 5/8"	13 3/8"	27 1/4"	25 1/4"	9 1/2"	32 lbs.
H30	30"	33 1/2"	30"	13 1/2"	29 1/4"	27"	9 1/2"	34 lbs.
H33	33"	37"	32 3/4"	13 3/8"	32 1/2"	30 1/4"	9 1/2"	38 lbs.
H36	36"	39 3/8"	36"	13 1/2"	35 1/2"	33 1/2"	9 1/2"	42 lbs.
H42	42"	45 5/8"	42"	13 1/2"	41 1/2"	39 1/2"	9 1/2"	48 lbs.
H48	48"	51 1/2"	48"	13 3/8"	47 1/4"	45"	9 1/2"	55 lbs.

Modular Flue Sizes—8" x 12" for H28—12" x 12" for H30, H33, H36—16" x 16" for H42 and H48.

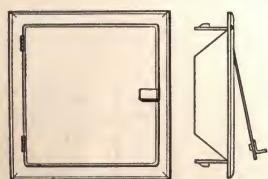
Cleveland Cleanout Door



Style C cleanout door made of cast iron to provide durability and maximum resistance to ash corrosion.

Flange on back anchors into masonry.

8" x 8" door, Weight 7 lbs. Packed 12 per carton.
10" x 12" door, Weight 10 lbs. Packed 6 per carton.



Style S cleanout door made of steel. Frame is embossed and flanged for strength and anchorage to masonry. Size 8" x 8", Weight each 2.5 lb.—24 per carton.

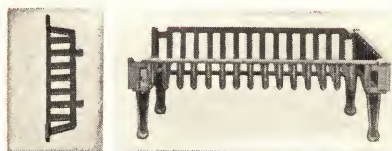
SEWER STRAINERS



Cleveland Sewer Pipe Strainer fits into hub of standard pipe to provide drainage screen in basement, areaway, garage, and driveway. Made of cast iron to resist corrosion.

size strainer	size pipe	diameter	weight each
3"	3"	4 1/2"	1 3/4 lbs.
4"	4"	5 1/2"	2 lbs.
6"	6"	7 3/8"	3 3/4 lbs.

Cleveland Fireplace Baskets



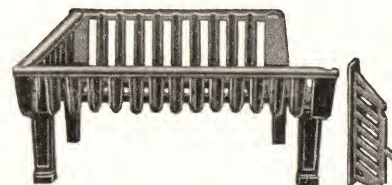
Dimensions

width		weight lbs.
front	back	
24"	20"	31
27"	23"	32
30"	26"	33

No. 480 made of cast iron, has removable ends. Used for either wood or coal. Depth 15", height 8 1/2".

Dimensions

width		weight lbs.
front	back	
24"	17"	48
27"	20"	52
30"	23"	56



No. 440 is made of heavy duty cast iron, ends removable. Used for wood or coal. Depth 15" height 10 1/4".

Cleveland Coal Doors

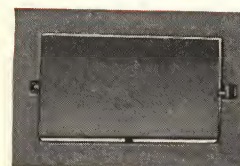
No. 6 Door is made of heavy gauge steel and consists of shell, door frame and door. Door is deeply embossed for strength and neat appearance. Hinges hold door in open position. Door locks with inside spring latch. Painted.

Outside of frame—26 1/2" wide by 20 1/4" high
Door opening—21 5/8" wide by 15 3/8" high.
Masonry opening—23" wide by 17" high.
For walls 9" or thicker. Weight 32 lbs. each.



Cleveland Ash Dumps

Style C made of cast iron to resist corrosion from ashes. Flange on back anchors to masonry. 6" x 9" outside, 5" x 8" inside. Weight 3 lbs. each. 24 per carton.



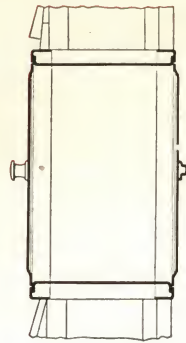
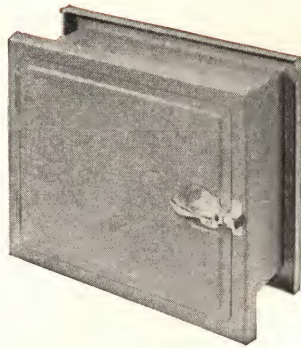
BELL TRAPS

Cleveland Bell Traps provide water trap against sewer gas in floor drains in garages and basements. Strainer removable for cleaning. Made of non-corrosive cast iron.



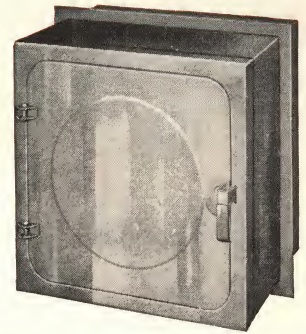
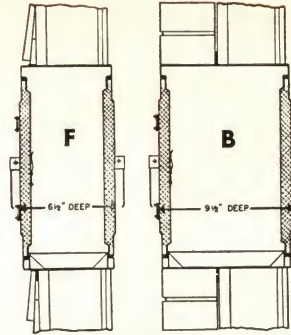
size	strainer	outlet	weight ea.
6" x 6"	4 1/2"	1 7/8"	3 1/2 lbs.
8 1/2" x 8 1/2"	6 3/4"	2 1/2"	7 lbs.
11" x 11"	9"	3"	13 lbs.

CLEVELAND AND PACKAGE RECEIVERS



Cross
Section
←

F-Frame
B-Brick



Package Receiver Style M is of formed steel construction. Doors are made of attractively embossed sheet steel with rounded corners. Hinges have brass pins, door catches are nickel plated. Doors close tightly against frame; not insulated. Flush bottom. Wall opening 13 1/2" wide. 12" high. 2 per carton. Painted Grey.

Style MF (Frame) 13 1/2" x 12", 6 3/4" deep. Wt. 9 lbs.

Style MB (Brick) 13 1/2" x 12", 9 3/4" deep. Wt. 10 lbs.

Package Receiver Style L is smartly styled with embossed doors equipped with spring latches. Each door has 1/2" of insulation between 2 sheets of steel. Doors and frames are die-made with rounded corners insuring weather-tight fit. Flush bottom makes cleaning easy. Message Clip on inside of outer door. Weather flange seals opening. Wall opening 14" x 14". One per carton. Painted aluminum.

Style LF (Frame) 14" x 14", 6 1/2" deep. Wt. 14 lbs.

Style LB (Brick) 14" x 14", 9 1/2" deep. Wt. 16 lbs.

CLEVELAND CLOTHES CHUTE DOORS

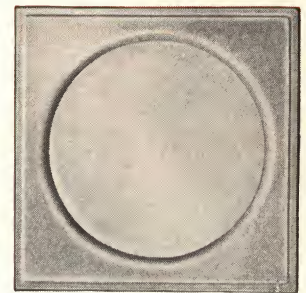
Clothes Chute Door Style L has round opening. Door hinges at top and opens in when clothes are pushed through. Round opening has rolled edge, will not snag clothing. Spring closes door against rubber bumper. Easily installed by screwing or nailing flange to chute or studding. No screws in face. Made of steel. White enamel finish.

Style L10 fits 10" x 10" opening and is 12" x 12" overall. One per carton. Weight 3 1/2 lbs.

Style L12 fits 12" x 12" opening and is 13 1/4" x 13 1/4" overall. One per carton. Weight 4 lbs.



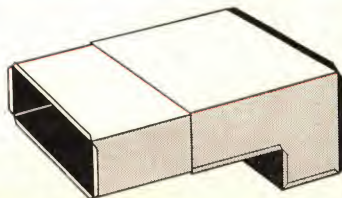
FREE-
OPENING
—
SELF-
CLOSING



CLEVELAND MAIL RECEIVERS



Outside Mail Door



Telescoping Box



Inner Door

Mail Receiver Style MW for wall installation, consists of heavy aluminum outside mail door and frame, inner door and frame of steel and spacious metal box which telescopes from

9" to 5" to fit brick or frame walls. Finished in bronze. Wall opening outside 7 3/4" wide by 2 5/8" high, inside opening 7 3/4" wide by 4 1/8" high. Weight 2 1/2 lbs. One set per carton including screws. 10 cartons per case.



Hooded Back Plate



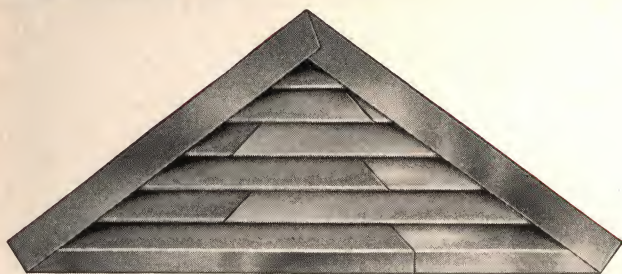
Letter Box Plate

House Door Set No. HD, made of wrought brass with polished finish, consists of Letter Box Plate for outside, and Hooded Back Plate for inside. Letter Box Plate, 3 3/4" x 9"; hinged door conceals attaching screws. Mail opening 1 3/4" x 7". Hooded Back Plate is 3 1/2" x 9". Packed 2 sets per carton including brass screws. Weight per carton 2 lbs.

Commercial Door Set No. CD, made of cast brass with polished finish, consists of Letter Box Plate 3 7/8" x 13 3/8" with mail opening 2 1/4" x 1 1/2" and Hooded Back Plate 3 5/8" x 13 1/2". Packed 1 set per carton. Weight per carton 5 1/2 lbs.

CLEVELAND WALL VENTILATORS

Adjustable Peak Ventilator



No. 415 is made of aluminum for long life. Complete with screen. Adjusts to any usual roof gable by extending or closing bottom corners. Louvers telescope with close fitting sliding action, and have flanged back to keep out rain. Top diagonal 20½" long with flat strip along top edge for nailing to outside of gable frieze board. Body of ventilator is behind frieze board. Maximum free area for air passage 108 sq. in. Packed 2 per carton, 6 cartons per case. Weight 30 lbs. per case.

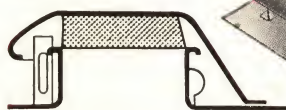
Roof Ventilator

No. 405—60 sq. in. free area

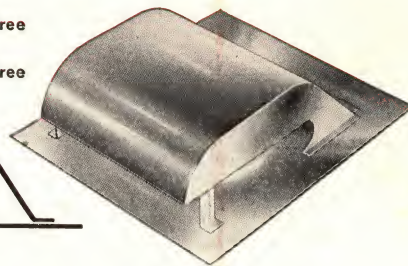
area

No. 405A—40 sq. in. free area

area



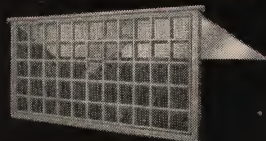
cross section



Made of aluminum for long life. Used to ventilate 4-way roofs. Venturi-shaped pipe extends up 2½" through hole in base and creates siphon effect for air movement. Has low silhouette, cover is only 4¾" above roof. Completely screened. Roof opening 7" square for No. 405A; 9" square for No. 405.

number	free area	base plate	per carton	wt. each
405	60 sq. in.	18½"x15½"	10	1.7 lbs.
405A	40 sq. in.	16"x12¾"	10	1.3 lbs.

Designed for installations where space is limited
Model 106 - Size 8 x 16



ALUMINUM SCREEN

Hinged aluminum cover—Only requires 14 x 6 space for opening. Shipping weight per dozen—17 pounds.

Block Size Ventilator

Complete with Shutter and Screen

All

Aluminum

F.H.A. approved

No. 106 used in cement block foundations to reduce condensation and dry rot. Shutter closes tightly from outside. Free area 53 sq. in. Fits space of concrete block, or at end of 2" joists 16" on center.

Louver Ventilator

No. 401 made of aluminum. Weather flange recessed for nailing to sheathing. Siding or brick extends over flange and butts against edge of vent for weather-tight fit. Frame is 2" thick with 8-mesh screen attached. Channels on back side hold glass or metal for closing.



Specifications for Rectangular Louver

width height	wall opening	free area	per carton	weight per carton
8" x 12"	8" x 12½"	64 sq. in.	10 pcs.	13 lbs.
8" x 16"	8" x 16½"	77 sq. in.	10 pcs.	15 lbs.
12" x 12"	12" x 12½"	91 sq. in.	10 pcs.	17 lbs.
12" x 18"	12" x 18½"	136 sq. in.	10 pcs.	21 lbs.

Model 408 - Size 8 x 16



90 sq. in. of free area after screening
Shipping weight per dozen — 7 pounds

Cornice Ventilator

All

Aluminum with 8-mesh Screen

F.H.A. approved

Used to ventilate attic spaces and reduce condensation. No. 408 shown above for use in wide cornices. No. 404 is 4" x 16", for use in restricted spaces, and has 30 sq. in. free area. Weight carton of 12-4 lbs.

SEND FOR YOUR COPY

CATALOG G-1955

AND

1955 PRICE LIST

CLEVELAND STEEL SPECIALTY COMPANY, INC.

Established 1924

3775 East 91st Street, Cleveland 5, Ohio